

**What is claimed is**

1. Peptides or their derivatives with increased + charge and hydrophobicity by substituting one or more amino acids of CA-MA peptide represented by the SEQ. ID. NO: 1.
- 5 2. Peptides or their derivatives as set forth in claim 1, wherein the peptide is represented by the SEQ. ID. NO: 2.
- 10 3. Anti-bacterial pharmaceutical compositions containing the peptides or their derivatives of claim 1 or 2.
- 15 4. Anti-fungal pharmaceutical compositions containing the peptides or their derivatives of claim 1 or 2.
5. Anticancer pharmaceutical compositions containing the peptides or their derivatives of claim 1 or 2.
- 20 6. The pharmaceutical compositions as set forth in claim 5, wherein the cancer is lung cancer.
- 25 7. The pharmaceutical compositions as set forth in claim 5, wherein the cancer is stomach cancer.

8. The pharmaceutical compositions as set forth in  
claim 5, wherein the cancer is lymphoma.